

Title (en)  
METHOD, DEVICE AND SYSTEM FOR AUTOMATICALLY DISCOVERING OPTICAL FIBER CONNECTIONS WITHIN NETWORK ELEMENT

Title (de)  
VERFAHREN, VORRICHTUNG UND SYSTEM ZUR AUTOMATISCHEN ERKENNUNG VON GLASFASERVERBINDUNGEN IN EINEM NETZWERKELEMENT

Title (fr)  
PROCÉDÉ, DISPOSITIF ET SYSTÈME PERMETTANT DE DÉCOUVRIR AUTOMATIQUEMENT DES CONNEXIONS PAR FIBRE OPTIQUE DANS UN ÉLÉMENT DE RÉSEAU

Publication  
**EP 2461521 B1 20180808 (EN)**

Application  
**EP 10811141 A 20100419**

Priority  
• CN 200910169609 A 20090827  
• CN 2010071898 W 20100419

Abstract (en)  
[origin: EP2461521A1] A method, device and system for automatically discovering optical fibre connection within a network element are provided. In the method, a destination board determines whether it is connected with a source single board for the first time according to a triple group message received within a predefined period and sent by the source single board, and if yes, sends a sextuple group message generated based on its triple group message to an ASON, and stores the sextuple group message in a local database; otherwise, it sends the sextuple group message stored in the local database and corresponding to the triple group message, to the ASON when timing is reached; when receiving the sextuple group message and determining that the sextuple group message is not stored locally, the ASON detects validity of a connection corresponding to the sextuple group message, and locally stores the sextuple group message if the connection is valid, otherwise, displays connection error information to a user.

IPC 8 full level  
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